



Pro AV/IT 4K 18G HDBaseT™ Extender TX/RX Kit up to 330ft

Comprehensive's CHE-HDBT2020 HDBaseT™ extender supports 18G Ultra-High-Definition (UHD) 4K@60Hz 2160p and can extend HDMI signals up to 330ft to a compatible display.

This TX/RX kit is designed to convert a full HDMI signal to a standard HDBaseT™ signal which can be conveniently transmitted over a single Ethernet (Cat5e or higher) cable. It also supports bi-directional POH so there is no need to run additional power. Included are two IR receivers and two transmitters, allowing for bi-directional infrared control of a connected HDMI source and display.



Features

- Transmission Distance (Cat6): 4K60 444 up to 230ft, 1080p 60 up to 330ft
- HDMI 2.0b (18Gbps), HDCP 2.2 and DVI compliant
- Video Resolutions up to 4K@60KHz (YUV 444)
- Bi-Directional POH; either TX or RX is powered by included power supply
- 10-bit HDR pass through
- HDMI High Bit Rate (HBR) audio pass through
- CEC bypass
- LPCM 2CH, Dolby Digital 2/5.1CH, DTS 2/5.1CH
- Kit includes Transmitter and Receiver
- RoHS Certified
- 3 Year Warranty

Specifications

Video Bandwidth: 18Gbps
 Video Resolutions: up to 4K2K@50/60Hz (YUV4:4:4)
 HDMI Compliance: HDMI 2.0b
 HDCP Compliance: 2.2 / 1.4
 Color Space: RG, YCbCr 4:4:4, YCbCr 4:2:2
 Color Depth: 10-bit, 12-bit
 HDMI Audio Formats: (pass-through): LPCM 2/5.1/7.1 CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
 Optical Audio Formats: LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
 Transmitter Inputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector), 1xMini-USB (service)
 Transmitter Outputs: 1xHDBaseT™ (RJ45), 1xIR (3.5mm stereo mini-jack)
 Receiver Inputs: 1xHDBaseT™ (RJ45), 1xIR (3.5mm stereo mini-jack), 1xRS232 (phoenix connector), 1xMini-USB (service)
 Receiver Outputs: 1xHDMI, 1xIR (3.5mm stereo mini-jack)

Housing: Metal enclosure
 Dims: 6.2in (W) x 3.5in (D) x .8in (H)
 Weight: 0.7lbs
 Power Supply: AC100-240v 50/60Hz (input), DC 24V/1A (US/EU standards, CE/FCC/UL certified)
 Power Consumption: 24W (max) - *POC power consumption >10W
 Operating Temperature: 32 - 104°F / 0 - 40°C
 Storage Temperature: -4 - 140°F / -20 - 60°C
 Relative Humidity: 20 - 90% (non-condensing)
 Warranty: 3 Years

Package Contents:

- 1x HDMI 18Gbps HDBaseT™ Transmitter
- 1x HDMI 18Gbps HDBaseT™ Receiver
- 2x wideband IR TX
- 2x wideband IR RX
- 1x 24V/1A DC Power Adaptor (US, CE/FCC/UL certified)
- Operation Manual

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HDBASET EXTENDER